

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 38 (9/13/2020 – 9/19/2020)

COCONINO COUNTY
September 25, 2020

Situation Summary

MMWR Week 38 (9/13/2020-9/19/2020)

A total of 3,822 confirmed COVID-19 cases have been reported among Coconino County residents through week 38.

Deaths: 138 (4% of cases)

Probable Deaths: 6

Recovered Cases: 3,217

(84% of cases)

Hospitalizations: 612

(16% of cases)

Cases Reported Week 38 (September 13 - September 19, 2020):

**295
Confirmed
Cases**

**3,410
Negative
Cases**

**198.8
Rate per
100,000**

**7%*
Positivity
Yield**

Community Transmission

- Coconino County has a current **incidence rate of 198.8 per 100,000**, **percent positivity of 7%***, and **COVID-19-Like-Illness incidence (CLI) of 3.2%****.
- Coconino County is currently at a **moderate** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	≥10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

***Percent positivity was calculated using only Electronic Lab Reporting (ELR) data due to insufficient reporting.**

****Incidence rate and percent positivity data are from week 38 (CLI data from week 37 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations**

Cumulative Counts (March 15, 2020- September 19, 2020):

3,822
Confirmed
Cases

39,239
Negative
Tests

43,061
Total Tests
Resulted

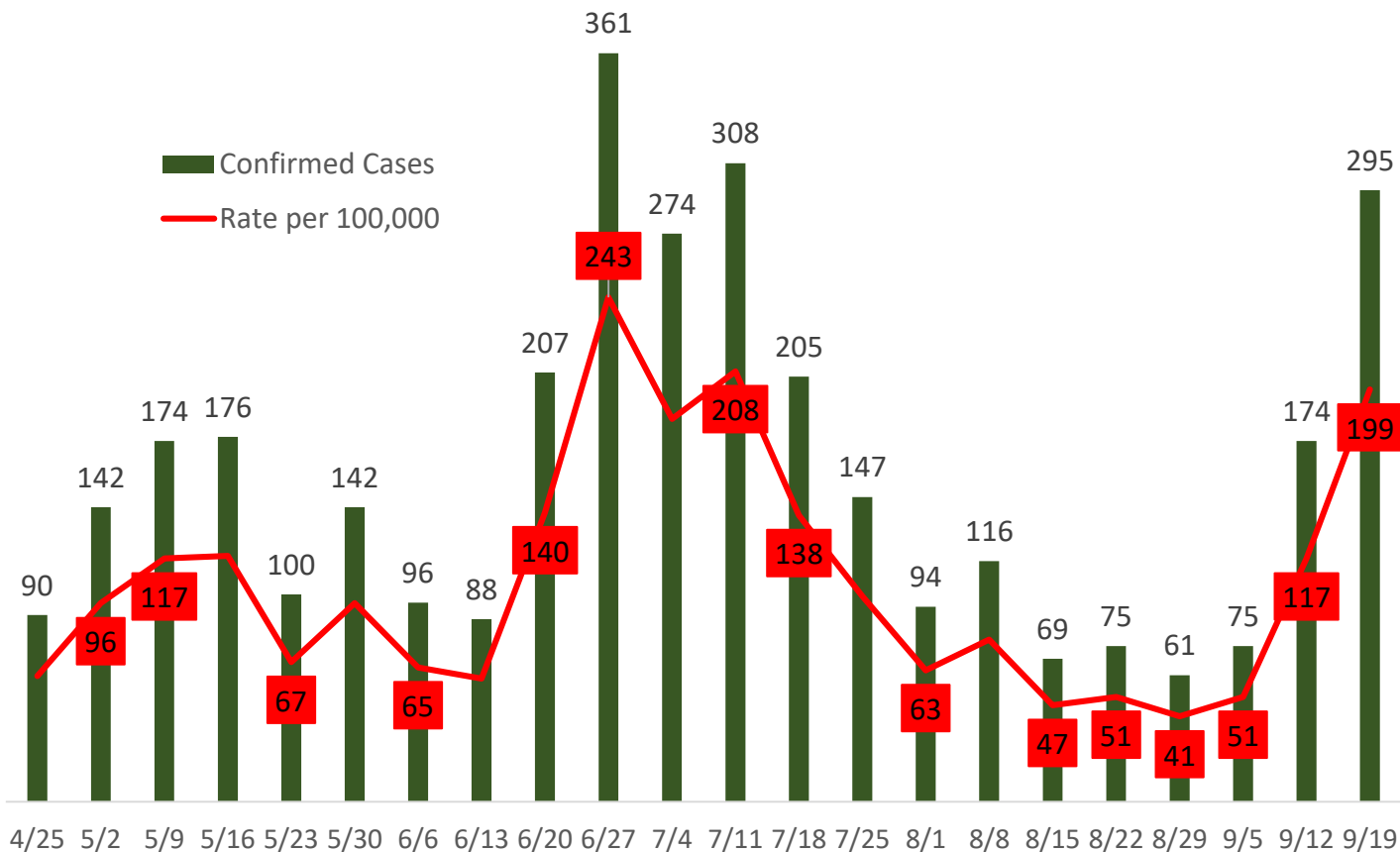
9%
Positivity
Yield

2,575.9 cases per 100,000 Coconino County Residents

vs.

3,002.5 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



*Cases reported from 3/15/20-9/19/20

COVID-19 Situation Summary*

Age:

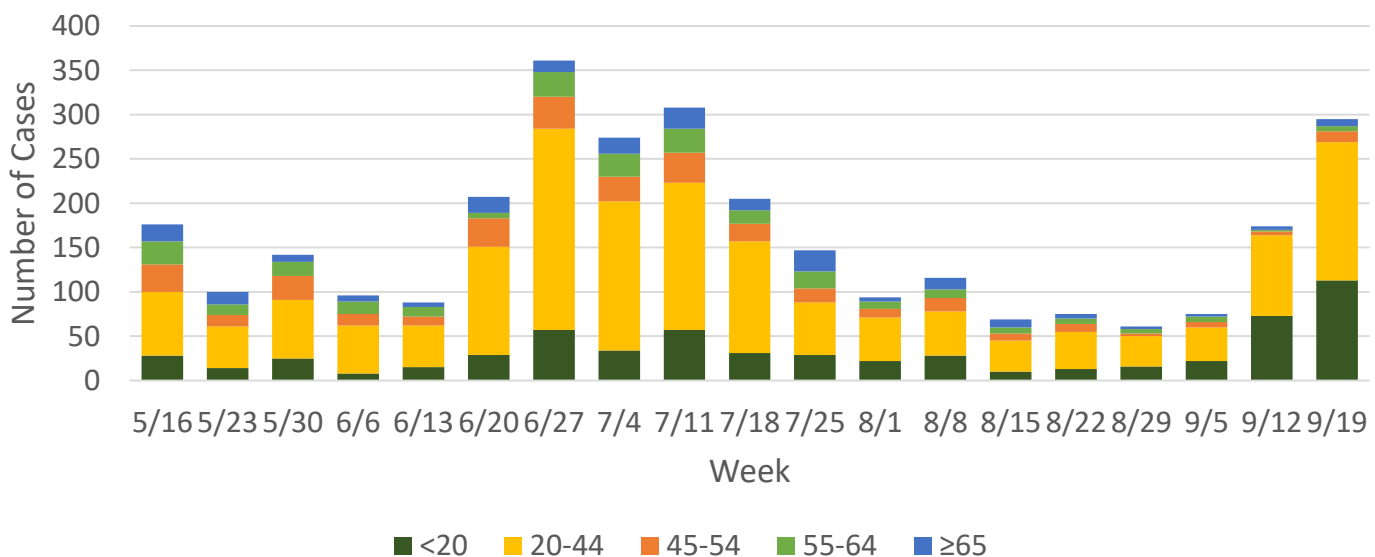
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	674	5,692	7%	13,183	1,561.0
20-44 years	1,964	19,125	6%	35,411	3,636.4
45-54 years	446	5,198	6%	33,364	2,862.7
55-64 years	386	5,139	5%	30,382	2,282.0
65+ years	352	5,246	4%	28,513	1,913.2

The median age of Coconino County COVID-19 cases is 31 years old

Key Take Away

- The highest positivity yield (7%) was observed among residents aged less than 20 years.
- The highest testing incidence was observed among residents aged 20-44 years (nearly 24% higher than that of 65+ years).
- The highest incidence of COVID-19 was among residents aged 20-44 years (nearly 90% higher than that of 65+ year-olds).

Age of Confirmed Cases by Week



*Cases reported from 3/15/20-9/19/20

COVID-19 Situation Summary*

Location:

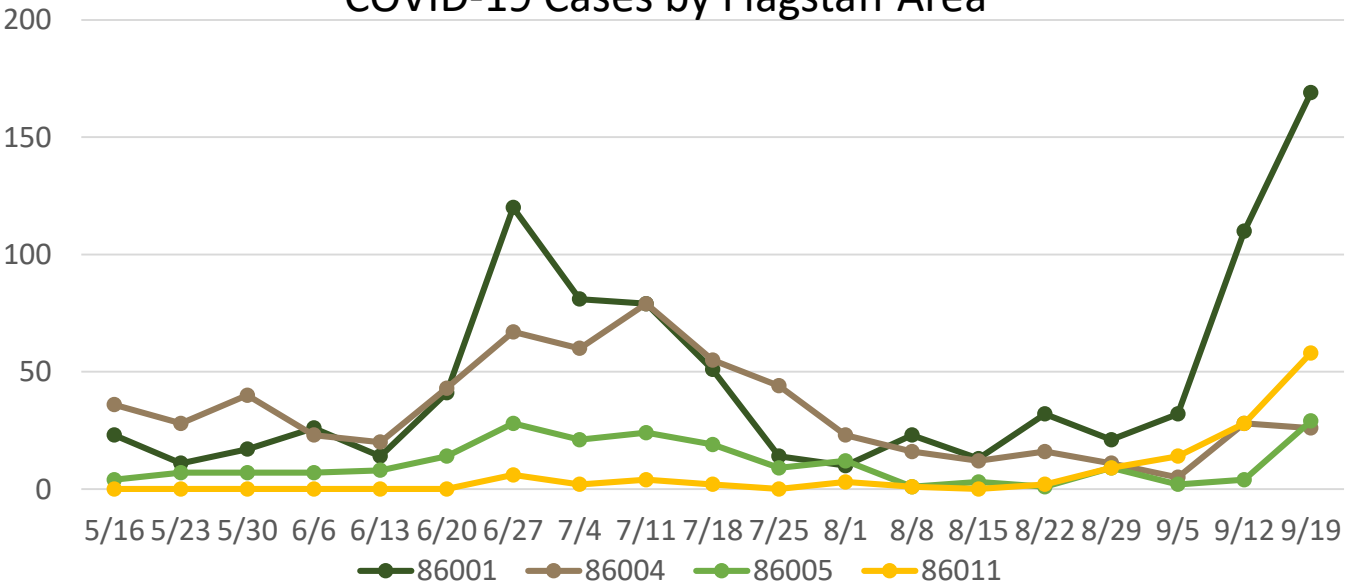
Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	2,023	27,872	7%	36,273	2,632.8
Page	302	2,835	11%	36,562	3,894.8
Tribal Communities	1,311	7,190	18%	27,673	5,045.8
Williams	69	1,113	6%	21,136	1,310.3
Grand Canyon	47	480	6%	19,316	1,891.3
Other Areas	70	1,144	10%	3,807	232.9



Key Take Away

- The highest positivity yield and COVID-19 incidence was seen among tribal communities.
- The COVID-19 incidence rate in tribal communities was 1.9 times higher than the incidence rate observed in Flagstaff.
- The COVID-19 incidence rate in Page was 1.5 times higher than the incidence rate observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

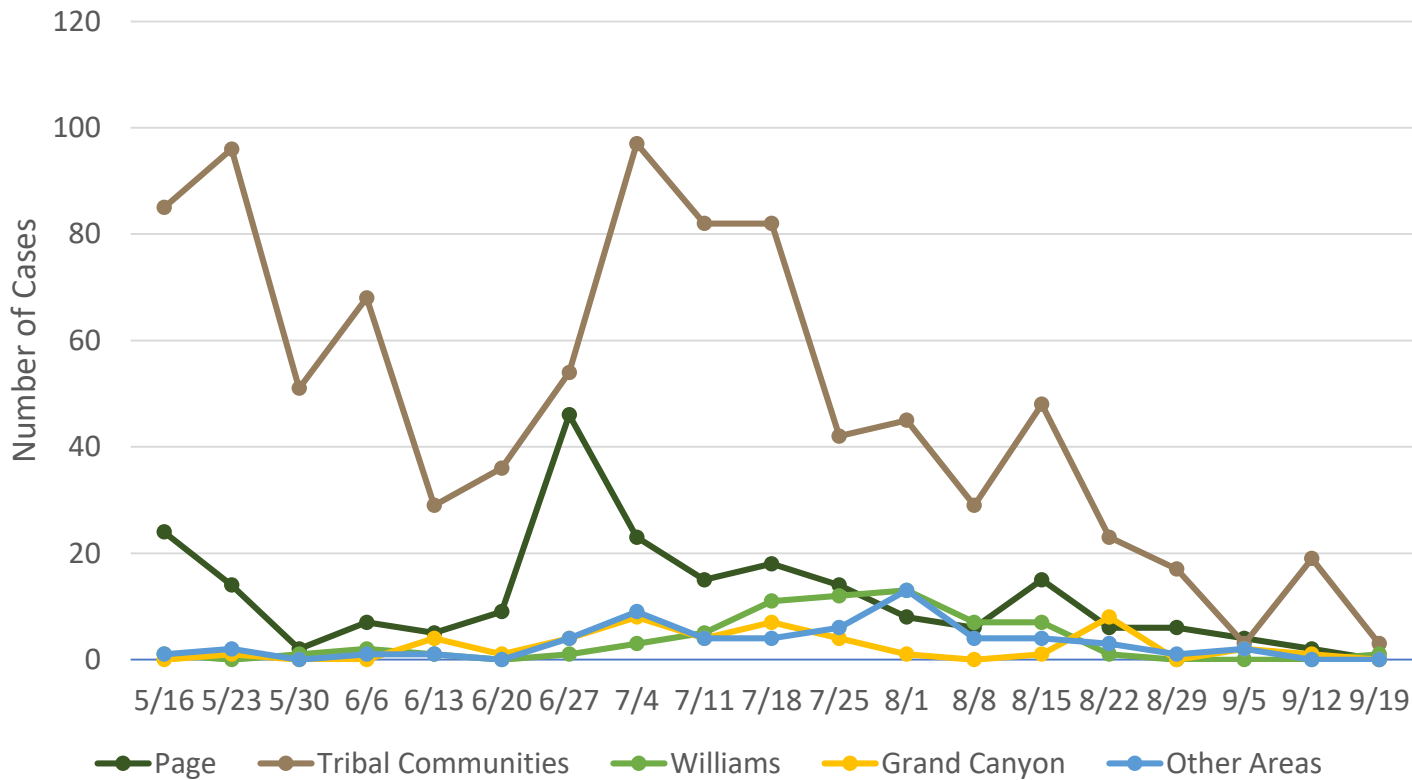


*Cases reported from 3/15/20-9/19/20

COVID-19 Situation Summary*

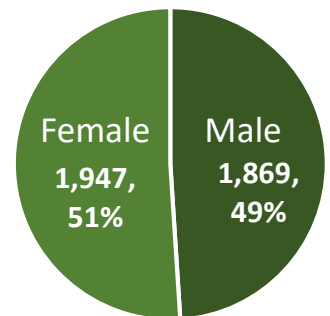
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Male	1,869	18,207	10%	2,560.2
Female	1,947	22,067	9%	2,583.1

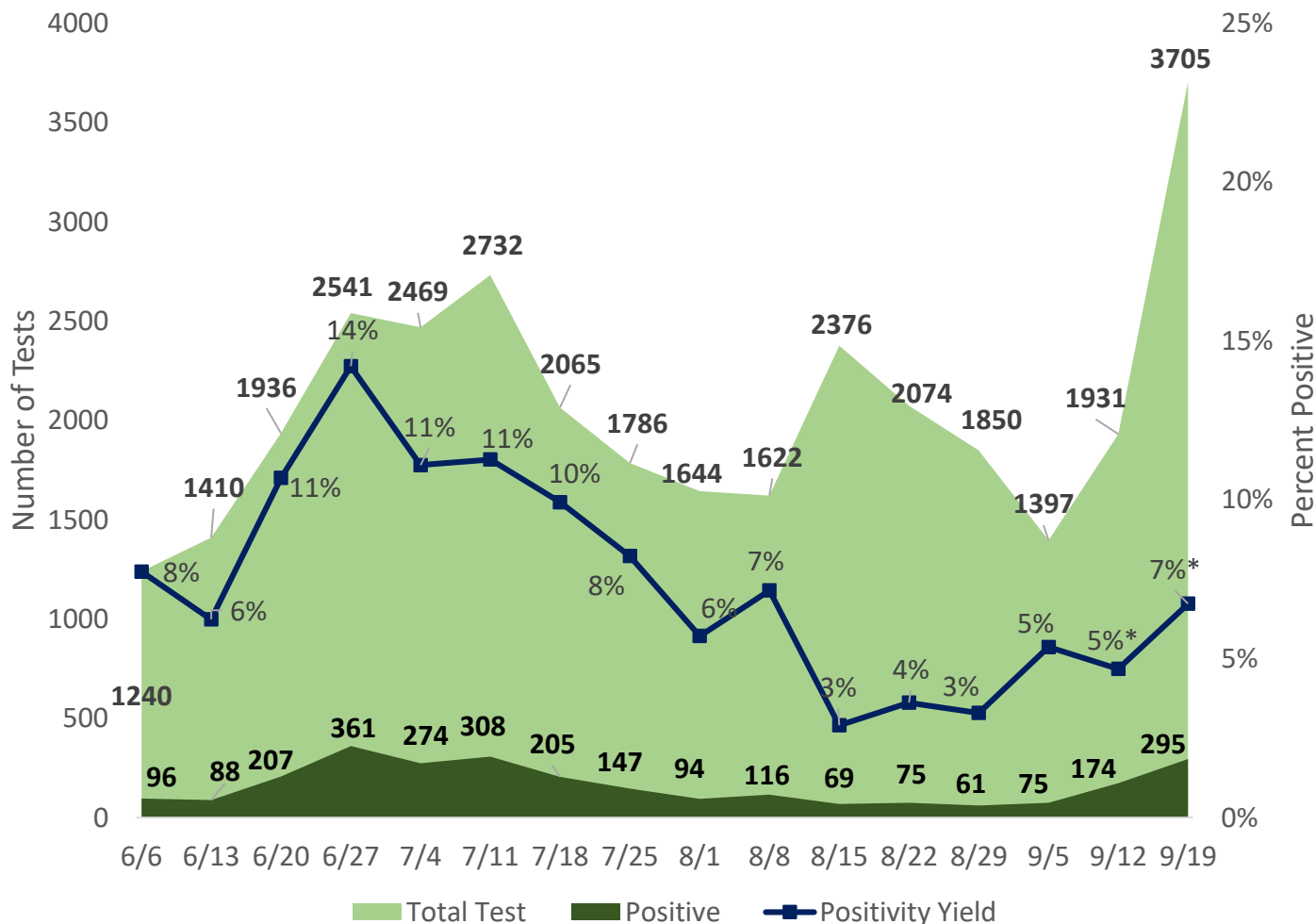


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 21% more tests than male residents.
- Male residents have a higher testing positivity yield, as compared to female residents.

COVID-19 Situation Summary*

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

Specimen Collection: Coconino County response team sites have collected a total of **20,866** specimens.

Fort Tuthill: 15,179	CCHHS: 1,308	CCC: 212	NAU: 2,928
Fredonia: 41	Grand Canyon: 119	Williams: 547	Other: 532

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 1,853**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 143 (As of 9/19/2020)**
- **Total individuals monitored to date: 2,079**

Hospitalizations

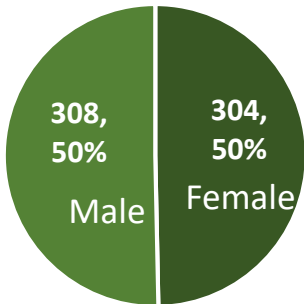
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of
Cases
16%

Hospitalized
612

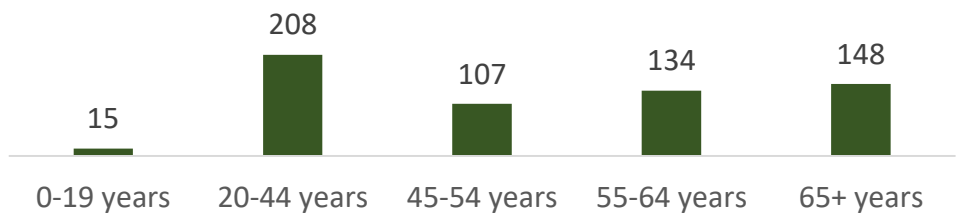
Hospitalizations
Per 100,000
413.3

Sex

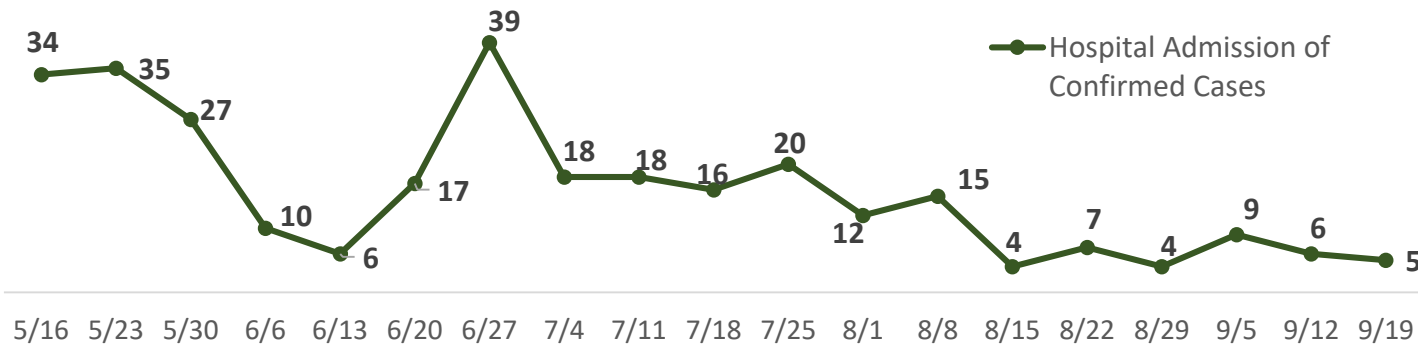


22% of hospitalized residents were in the ICU and 12% were intubated.

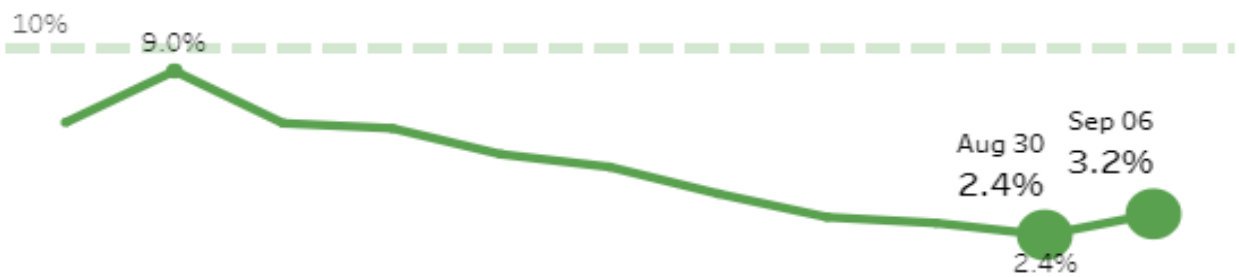
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-9/19/20

COVID-19 Situation Summary*

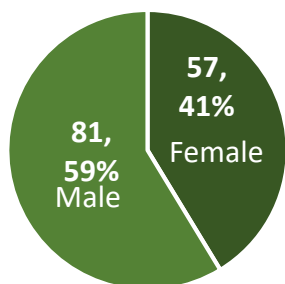
COVID-19 Related Deaths:

Percentage of
Cases
4%

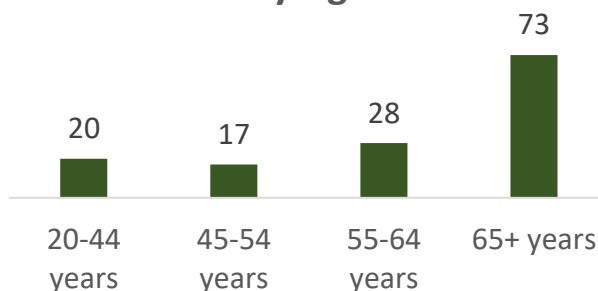
Deaths
138

Fatalities
Per 100,000
93.0

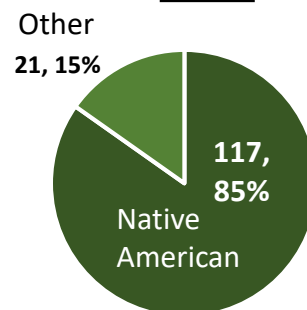
Sex



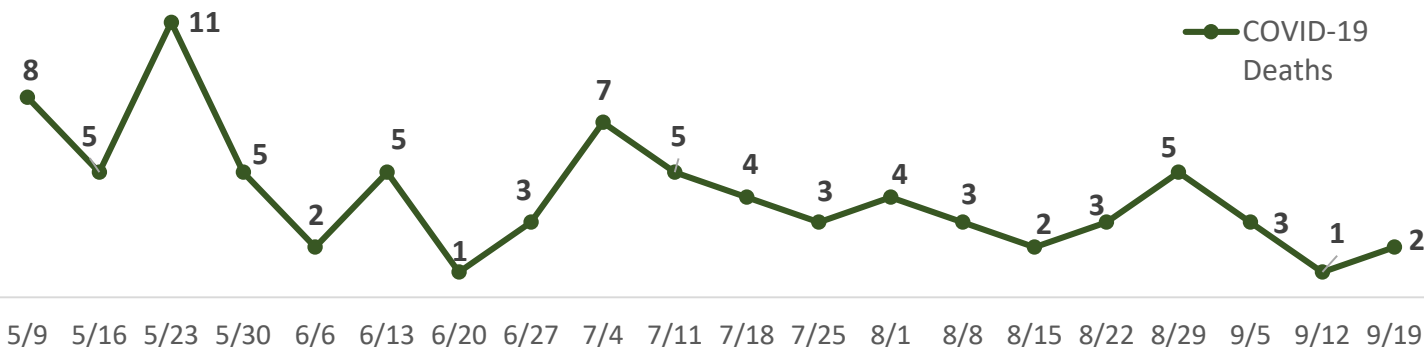
Coconino COVID-19 Deaths by Age



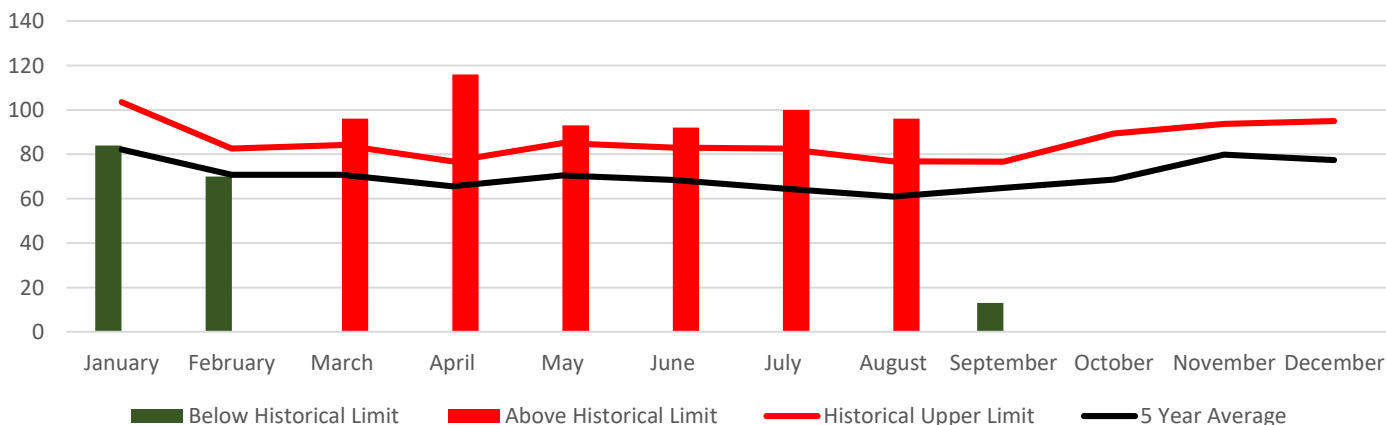
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-9/20/20